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PATENT APPLICATION FEE DETERMINATION RECORD

Substitute for Form PTO-875

Application or Docket Number

10-774,682

APPLICATION AS FILED - PART I

(Column 1)

(Column 2)

SMALL ENTITY

OR

OTHER THAN
SMALL ENTITY

| FOR | NUMBER FILED | NUMBER EXTRA |
|---|---|--------------|
| BASIC FEE (37 CFR 1.18(a), (b), or (c)) | | |
| SEARCH FEE (37 CFR 1.18(k), (l), or (m)) | | |
| EXAMINATION FEE (37 CFR 1.18(o), (p), or (q)) | | |
| TOTAL CLAIMS (37 CFR 1.18(l)) | minus 20 = | * |
| INDEPENDENT CLAIMS (37 CFR 1.16(h)) | minus 3 = | * |
| APPLICATION SIZE FEE (37 CFR 1.16(k)) | If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). | |
| MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j)) | | |

| RATE (\$) | FEE (\$) |
|-----------|----------|
| | |
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| X | = |
| X | = |
| | |
| | |
| TOTAL | |

| SMALL ENTITY | |
|--------------|----------|
| RATE (\$) | FEE (\$) |
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| X | = |
| | |
| | |
| TOTAL | |

* If the difference in column 1 is less than zero, enter "0" in column 2

APPLICATION AS AMENDED - PART II

1.17.06

(Column 1)

(Column 2)

(Column 3)

SMALL ENTITY

Of

OTHER THAN
SMALL ENTITY

| AMENDMENT A | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|--|---|-------|---|------------------|
| Total (37 CFR 1.16(h)) | 15 | Minus | 20 | — |
| Independent (37 CFR 1.16(h)) | 7 | Minus | 7 | — |
| Application Size Fee (37 CFR 1.16(s)) | | | | |
| FIRST PRESENTATION OF MULTIPLE INDEPENDENT CLAIMS (37 CFR 1.16(s)) | | | | |

| RATE (\$) | ADDITIONAL FEE (\$) |
|-----------|---------------------|
| 1 | 2 |
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| 3 | 2 |
| 4 | 2 |
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| 181 | 2 |

| SMALL ENTITY | | |
|--------------|-------------------------|---------------------|
| | RATE (\$) | ADDITIONAL FEE (\$) |
| CR | ✓ = | |
| CR | ✓ = | |
| | | |
| CP | | |
| CP | TOTAL ADDITIONAL FEE | |

(C6:0000)

(College 2)

1990, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 26

Figure 15

ADP

DATE (S)

ADEN

| AMENDMENT B | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT ENTERA |
|---|---|---|-------------------|
| | | | |
| Total (37 CFR 1.16(a)) | * | 1 | 1 |
| Independent (37 CFR 1.16(b)) | * | 1 | 1 |
| Application Size Fee (37 CFR 1.16(e)) | | | |
| FIRST PRESENTATION OF MULTIPLE INDEPENDENT CLAIMS | | | |

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| DATE(S) | ADD: TODAY FILE(S) |
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| | RATE (\$) | ADDITIONAL FEE (\$) |
|----|-------------------------|------------------------|
| OP | 2 | |
| OR | 2 | |
| OF | | |
| OT | | |
| | TOTAL ADDITIONAL FEE | |

* If the entry in column 1 is less than the entry in column 2, write 1 in column 3.

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 25, enter 0.

... If the "Highest Number Previously Paid For IN THIS SPACE" is less than 2, enter:
The "Highest Number Previously Paid For IN THIS SPACE" is less than 2, enter:

The Highest Number Previously Paid For (Total or Independent) is the highest number found in the appropriate bin and used in the collection of information is required by 22 CFR 171.22.

This collection of information is required by 37 CFR 1.16. The information reported here will remain confidential for the period of time specified for each item on the USPTO process an application. Confidentiality is governed by 35 U.S.C. 122 and 37 C.F.R. 1.101. This form may be submitted to the USPTO at any time, including gathering, preparing, and submitting the completed application to the USPTO. There are no fees associated with this form. Any comments on the amount of time you require to complete this form and/or suggestions for modification should be sent to the Patent Office, U.S. Department of Commerce, P.O. Box 1450 Alexandria, VA 22313-1450. E-mail: USPTO@COMMERCE.GOV. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450 Alexandria, VA 22313-1450. E-mail: USPTO@COMMERCE.GOV. ADDRESS SEND TO: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

If \mathbf{v} is, upon a distance r , one of $\mathbf{v}_1, \mathbf{v}_2, \dots, \mathbf{v}_n$, then $\mathbf{v} \cdot \mathbf{v} = r^2$ and $\mathbf{v} \cdot \mathbf{v} = r^2$ and $\mathbf{v} \cdot \mathbf{v} = r^2$.